

Programming Language Extensions For Processing Data Representation Language Objects And Related Applications

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RELATED APPLICATIONS

This patent application is a continuation-in-part of non-provisional application no. ^{now U.S. Patent 6,754,884,} 09/898,898 filed on July 02, 2001, and claims priority to provisional application no. ^ 60/302,892 also filed on July 02, 2001.

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BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention relates to the field of programming languages. More specifically, the present invention relates to a method for manipulating data representation language based objects in a native programming language environment.

2. Background Information

XML is rapidly emerging as the de-facto standard for transmitting data structures between software applications and web services. While most software applications and web services are written in modern programming languages, such as Java or C++, none of these programming languages provide native support for representing and manipulating XML. Consequently, programmers are forced to develop or adopt external software packages for representing and manipulating XML within the context of their applications and web services.